



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Monday June 7, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



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- **Heavy rainfall / flash flooding is likely today for AR/NE TX/NW LA/SE OK with heavy rain / flash flooding possible into N/Cntrl/E TX, Cntrl/E OK, & N LA.**
- **Slight Risk of severe storms today for N TX/S AR/N LA & Marginal Risk for E NM into the TX/OK Panhandles.**
- **Flash flood threat continues into Tuesday for AR with isolated heavy rain/flash flooding for NE TX/E OK/N LA.**
- **An area of low pressure is expected to develop over the southwestern Caribbean Sea by Thursday or Friday.**
  - **No impacts to FEMA 6 in the next 5 days**

# FEMA Region 6 Threat Matrix

Jun 7, 2021 - Jun 11, 2021



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	NTX/S AR/N LA				
	E NM TX/OK Panhandles				
Heavy Rain / Flash Flooding	AR/NE TX/NW LA/ SE OK	AR	AR		
	N/Cntrl/ETX, Cntrl/E OK, & N LA	NETX/E OK/N LA			
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	SE&STX	SE &STX	SE&STX	SE&STX	SETX
	AR, LA, N&ETX	AR, LA, N&ETX	AR, LA, N&ETX	AR, LA, N&ETX	AR, LA, N/E/STX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



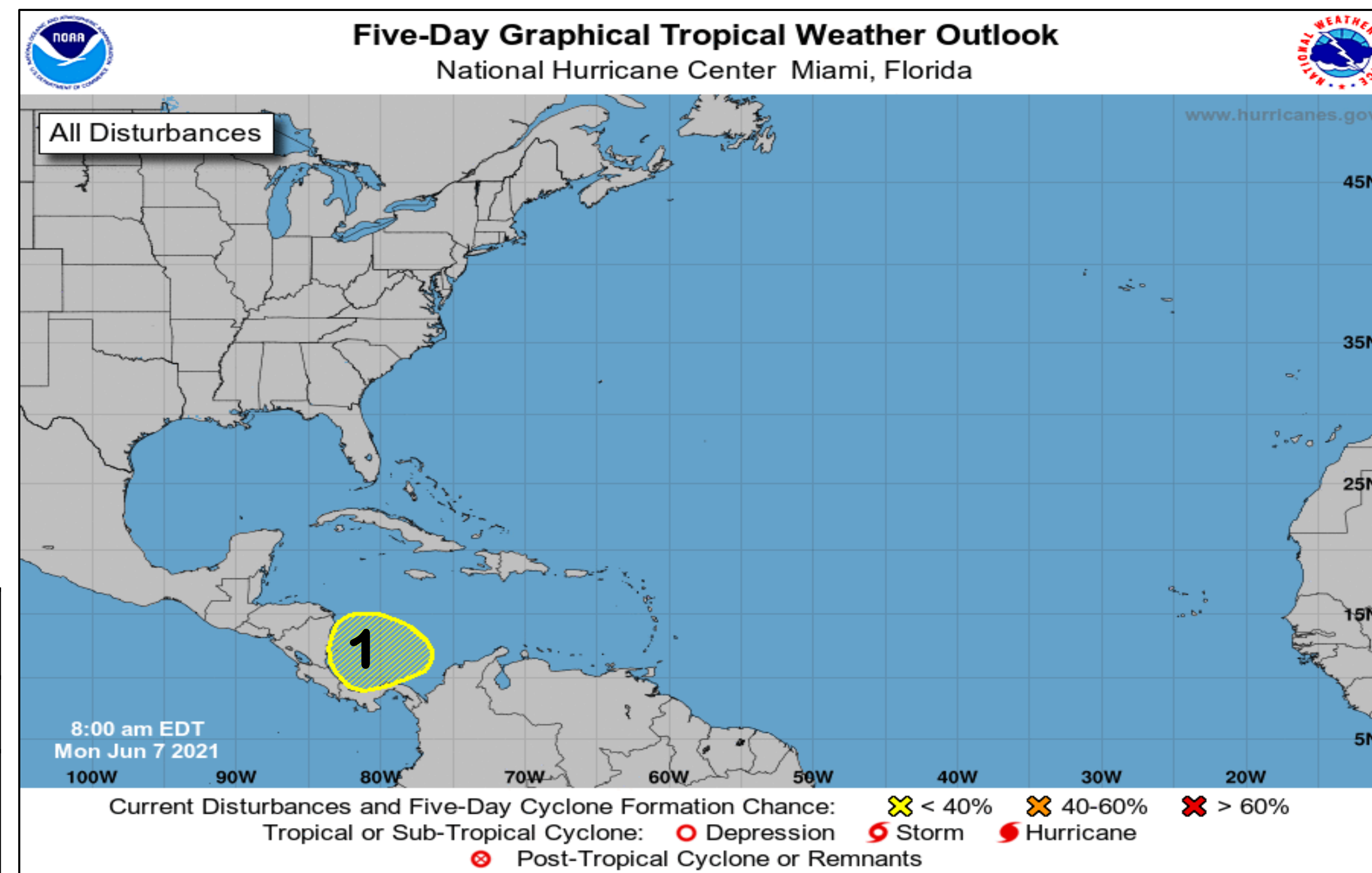
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None in the next 5 days

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



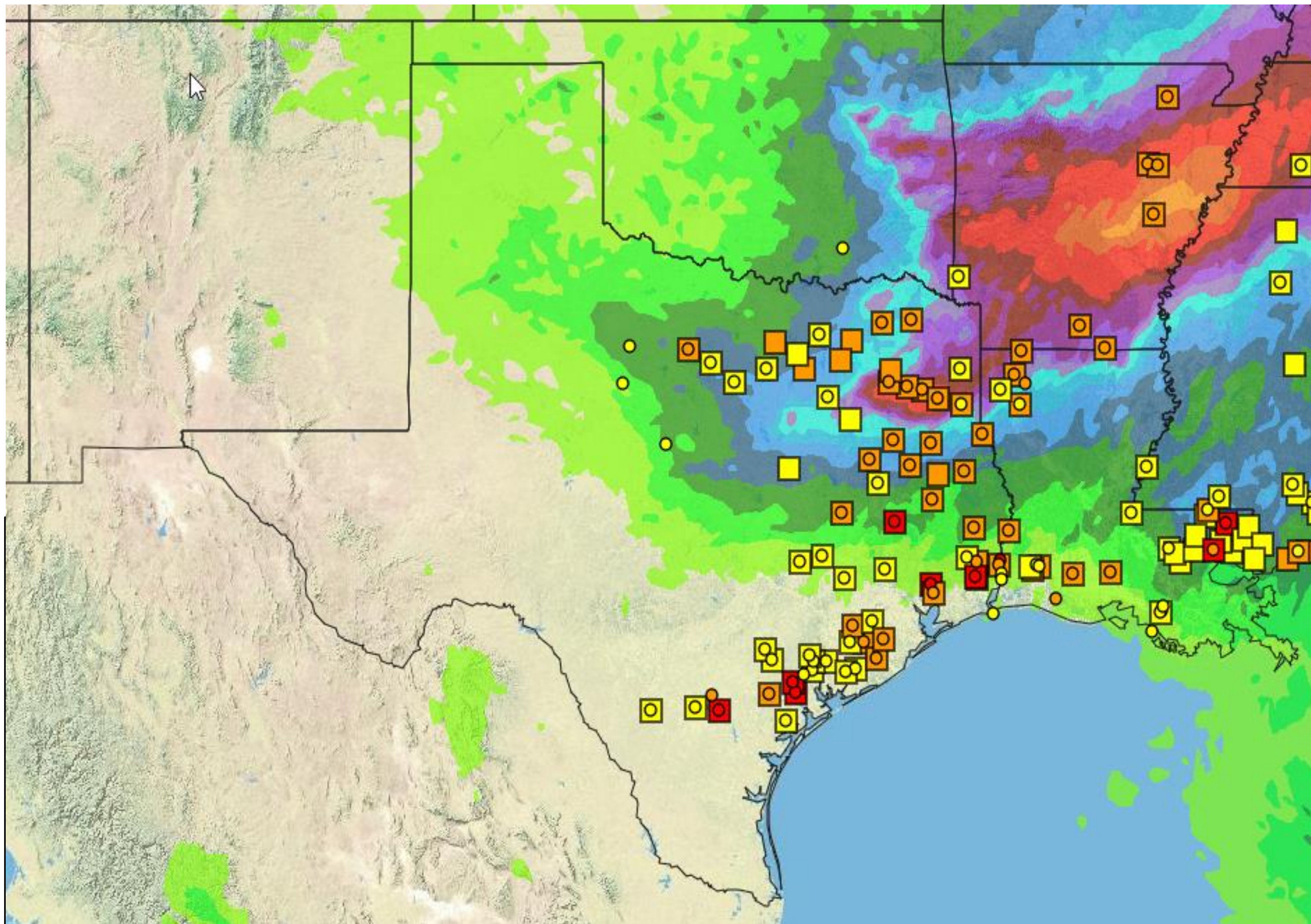


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



- **A few points on the Trinity River in SE TX are in moderate flood**
  - **At Liberty, roads into several outlying communities above Liberty are closed with residents in 5 or 6 subdivisions cut off if not evacuated.**
  - **At Riverside, the lowest homes in the Green Rich Shores Subdivision are flooded.**
- **The Guadalupe River at Bloomington in STX is in moderate flood. Irrigation and oil well pumps, tank batteries, and equipment in the lower flood plain below Victoria flood. Livestock are cut off, may have to be fed by boat, and could drown. Homes downstream above Highway 35 on the left bank are cut off.**

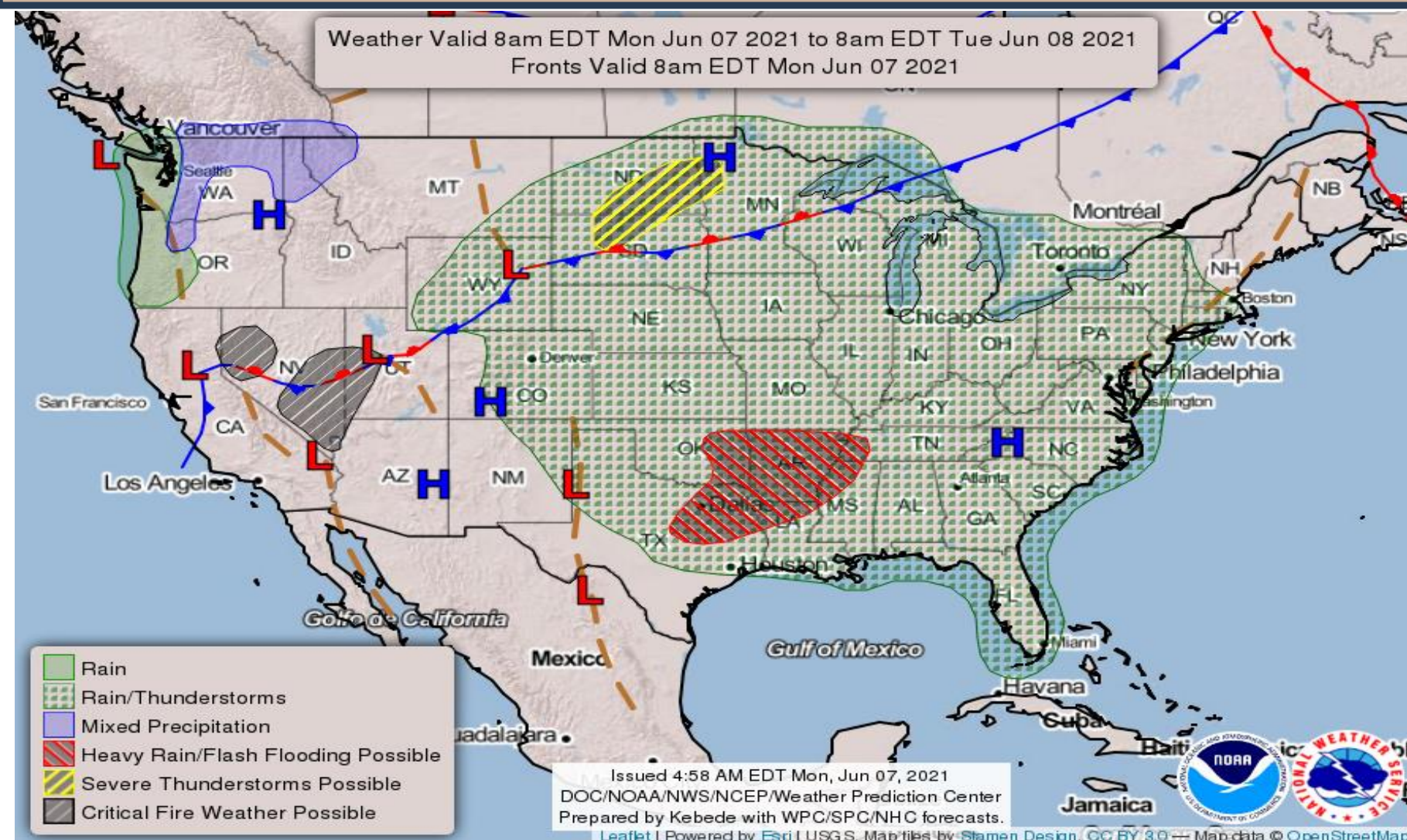
**Additional moderate river flooding is occurring on other portions of the Guadalupe River and the Nueces River in STX. Impacts are to livestock/agricultural lands and secondary roads.**

**Minor river flooding continues across AR, LA, and N&E TX with flooding of agricultural, recreational areas and secondary roads. Additional minor flooding is expected from rain today/tomorrow.**

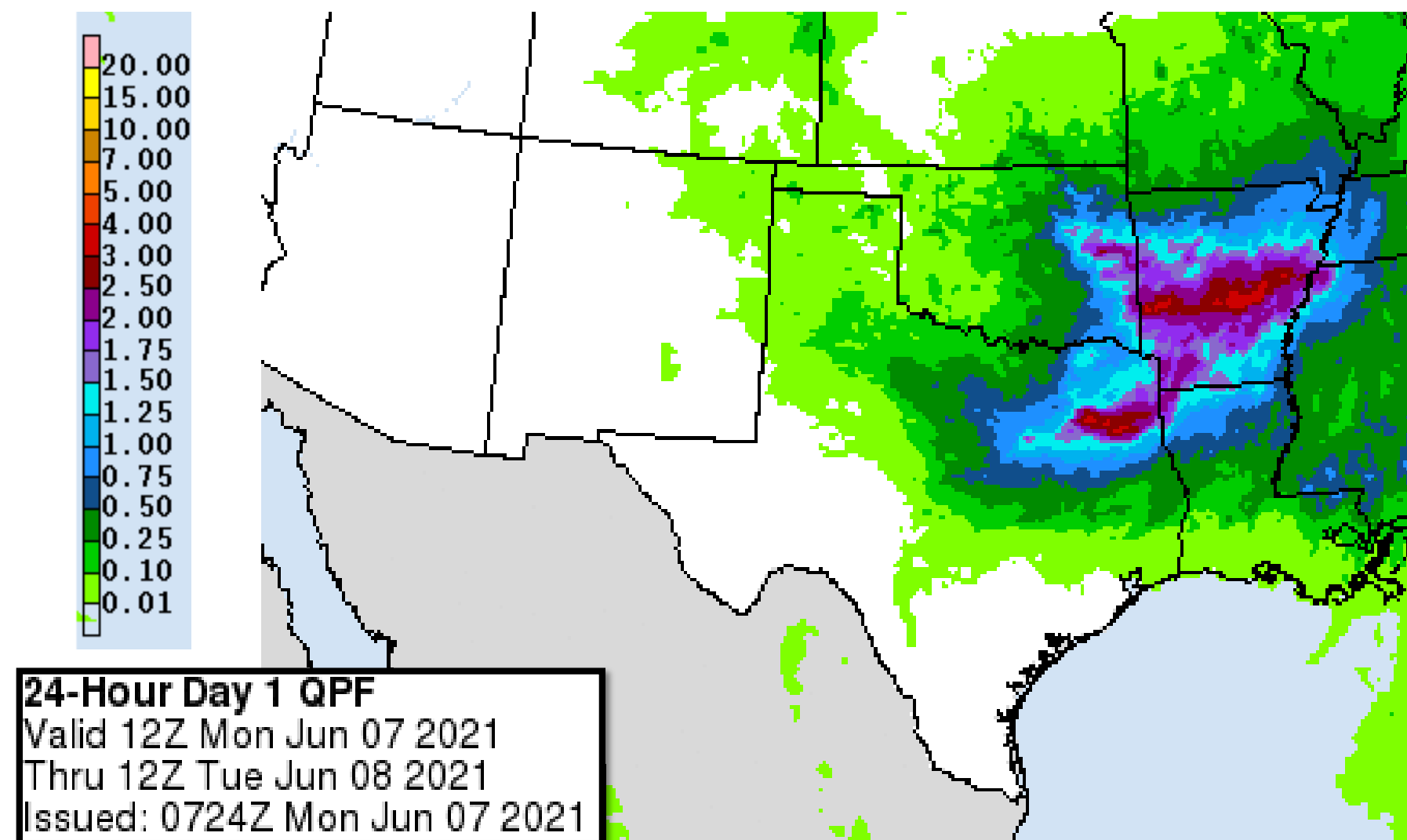


# Today's Weather

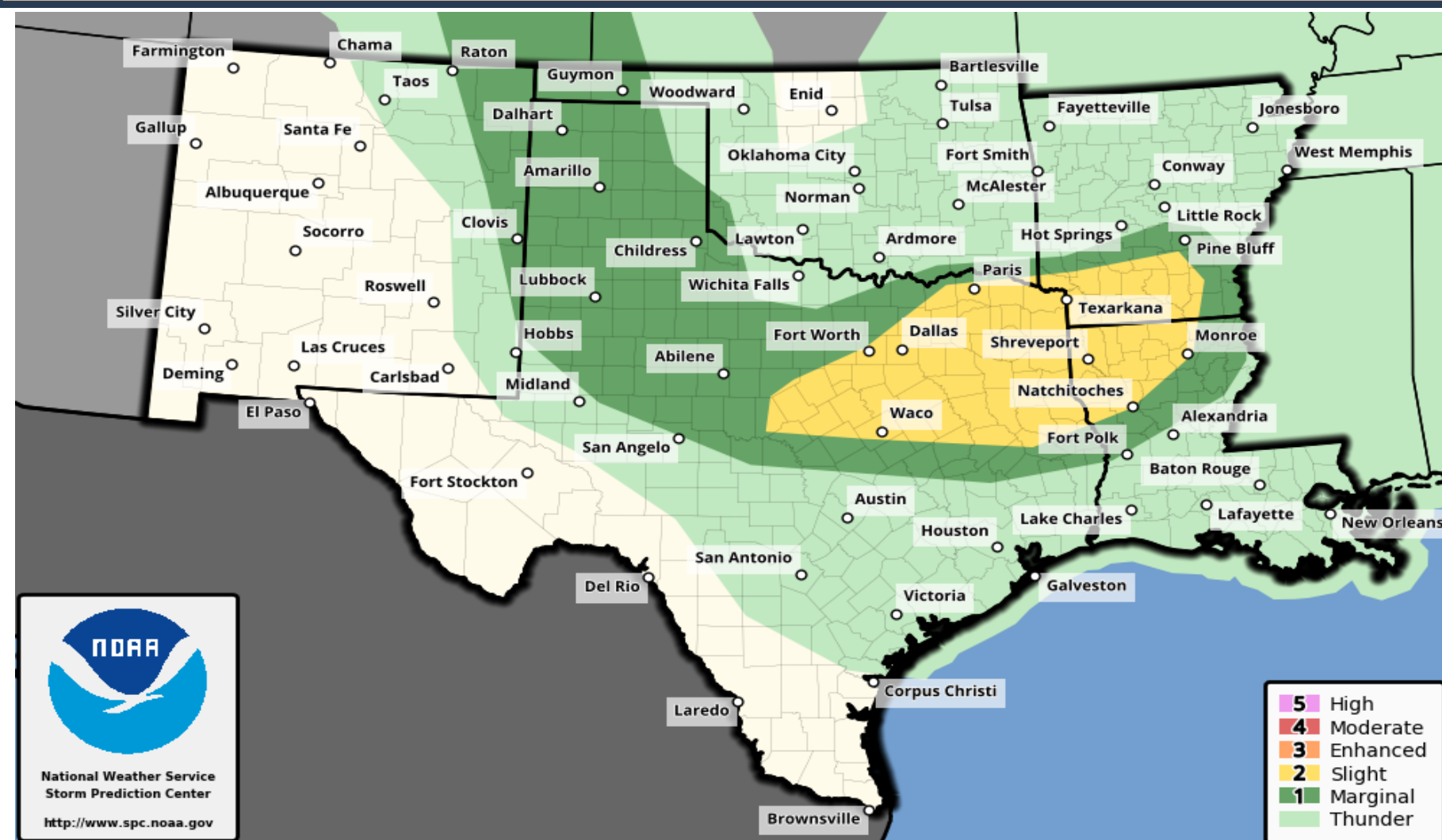
## Forecast Chart



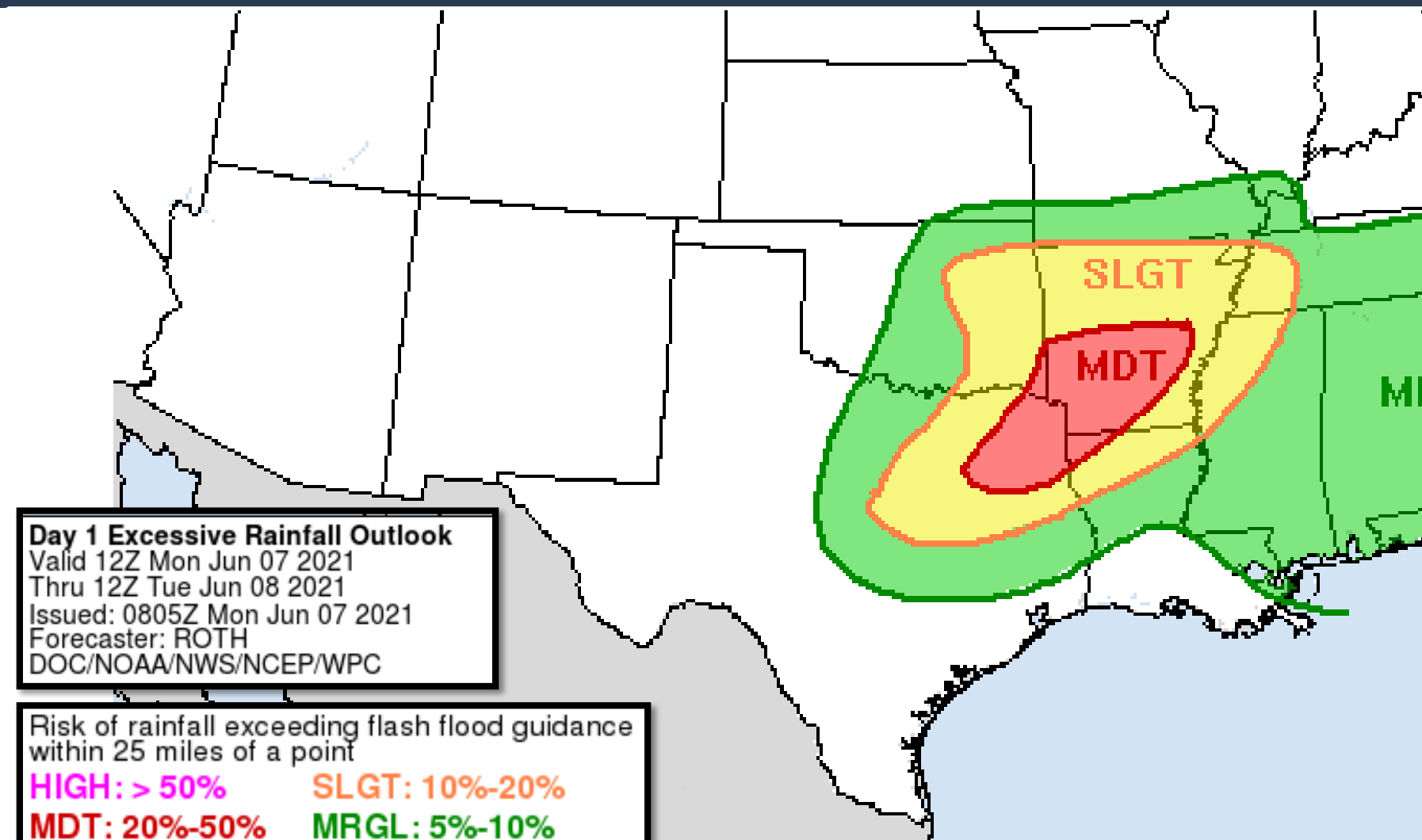
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



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Heavy rainfall / flash flooding is likely for AR/NE TX/NW LA/SE OK

Heavy rain/flash flooding is possible for N/Cntrl/E TX, Cntrl/E OK, & N LA.

Slight Risk of severe storms today for N TX/S AR/N LA & Marginal Risk for E NM into the TX/OK Panhandles. Damaging winds/hail are the main threats. A low tornado threat for a few tornadoes in the Slight Risk area.

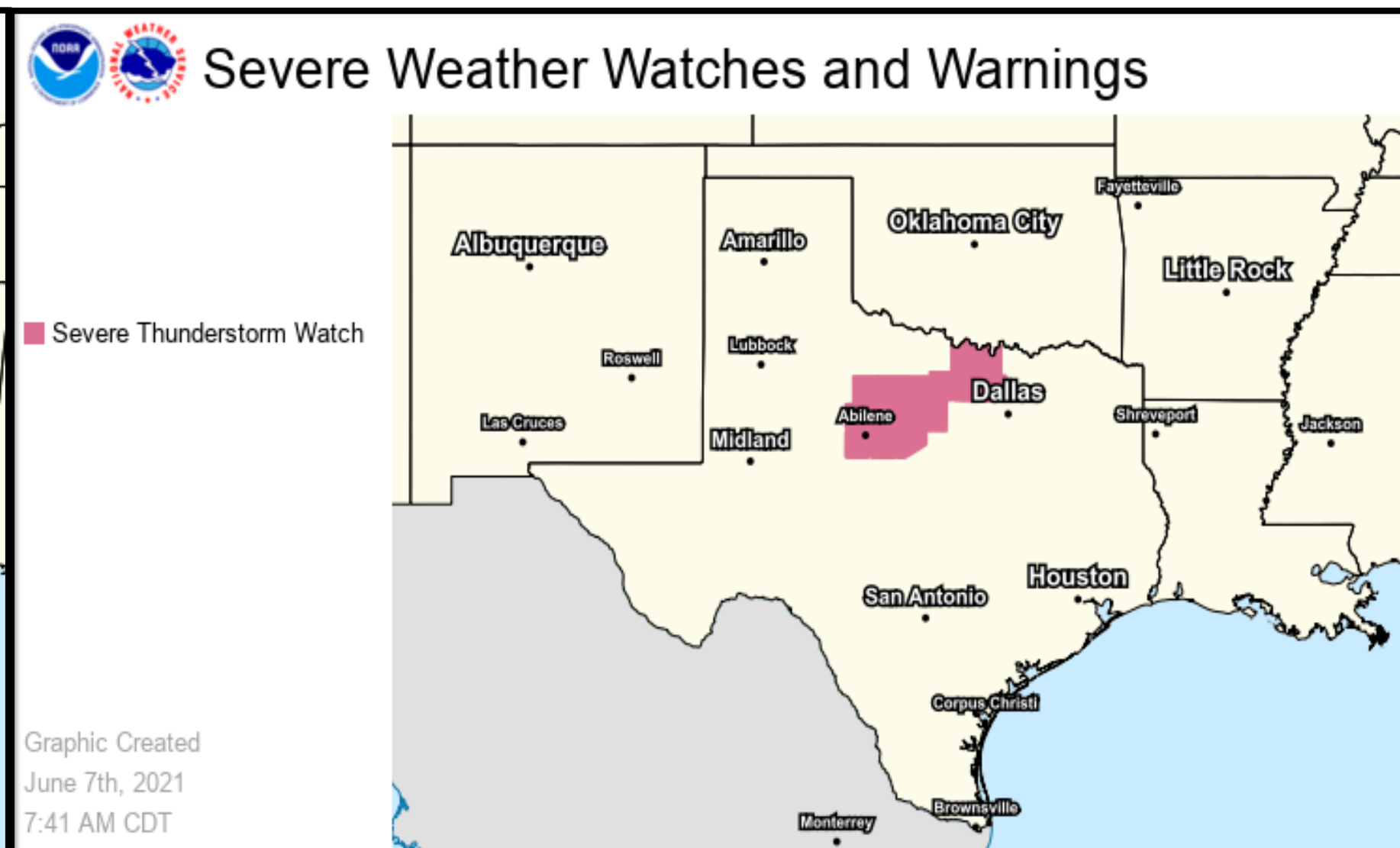


# Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

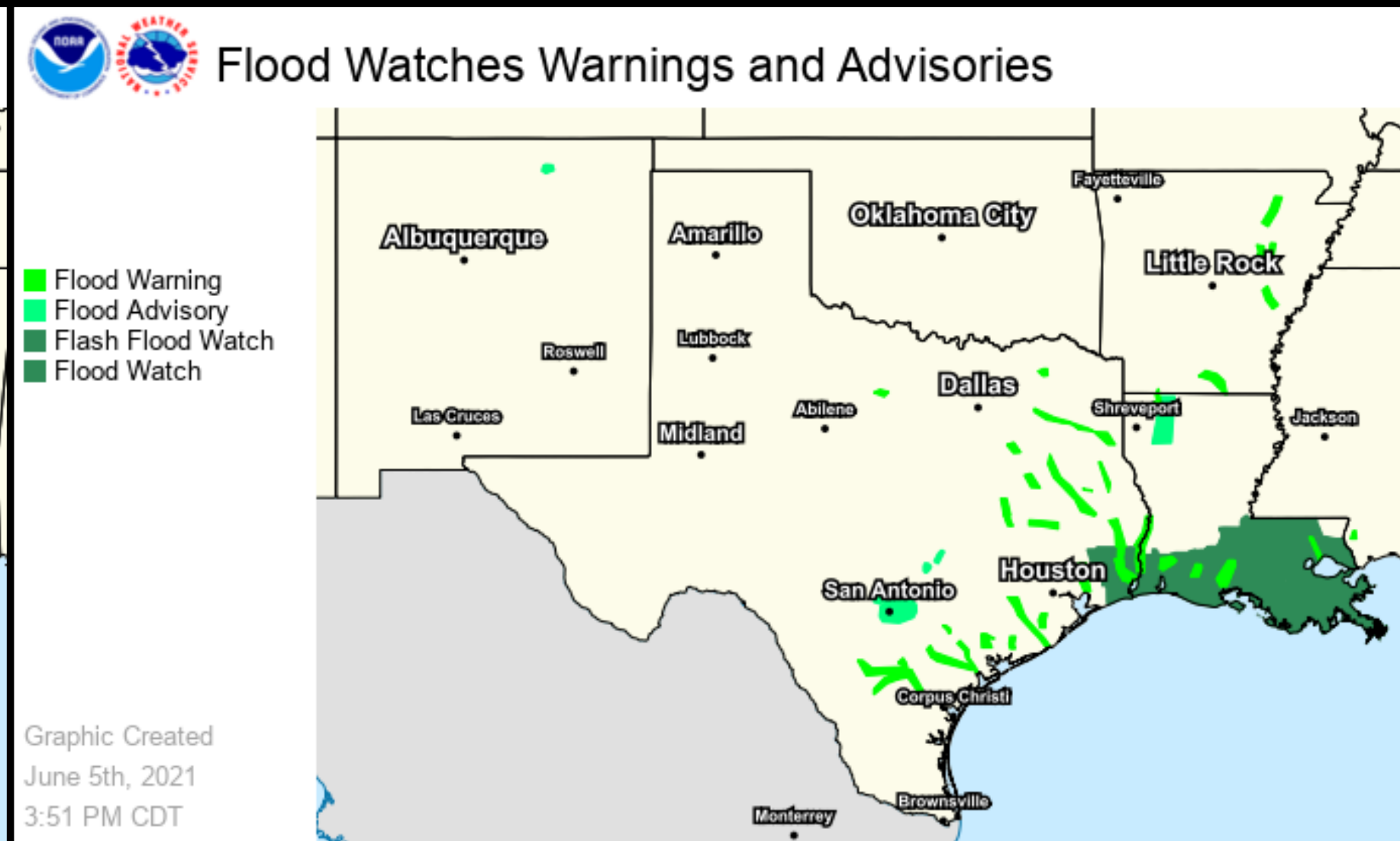


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- Flash Flood Watches**
- **N-Central TX:** until 7pm today
  - **NE TX into the Arklatex:** until 7am Tuesday
  - **Much of AR:** until 7am Wednesday.

**Severe Thunderstorm Watch for West-Central into N-Central TX until 10am today.**



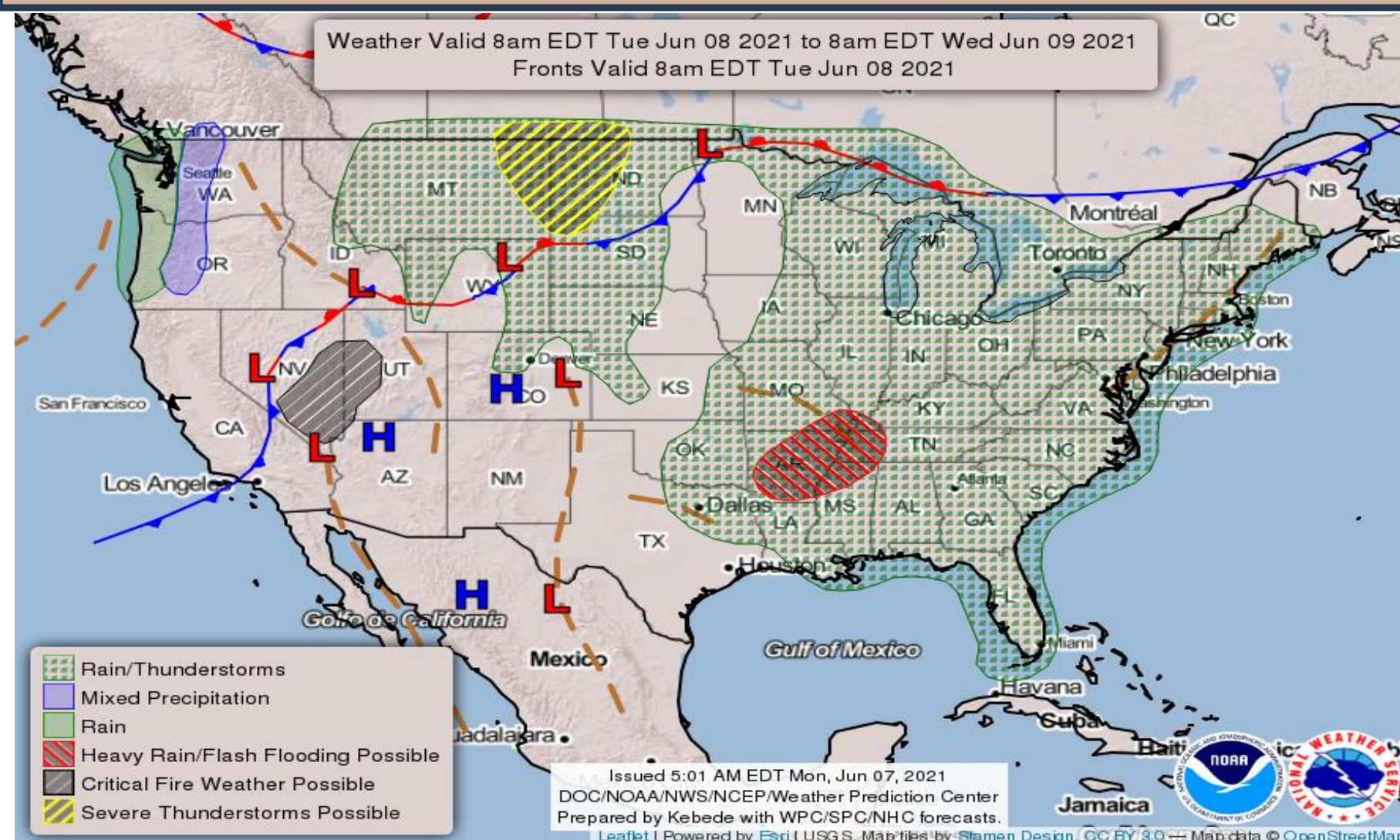


# Tomorrow's Weather

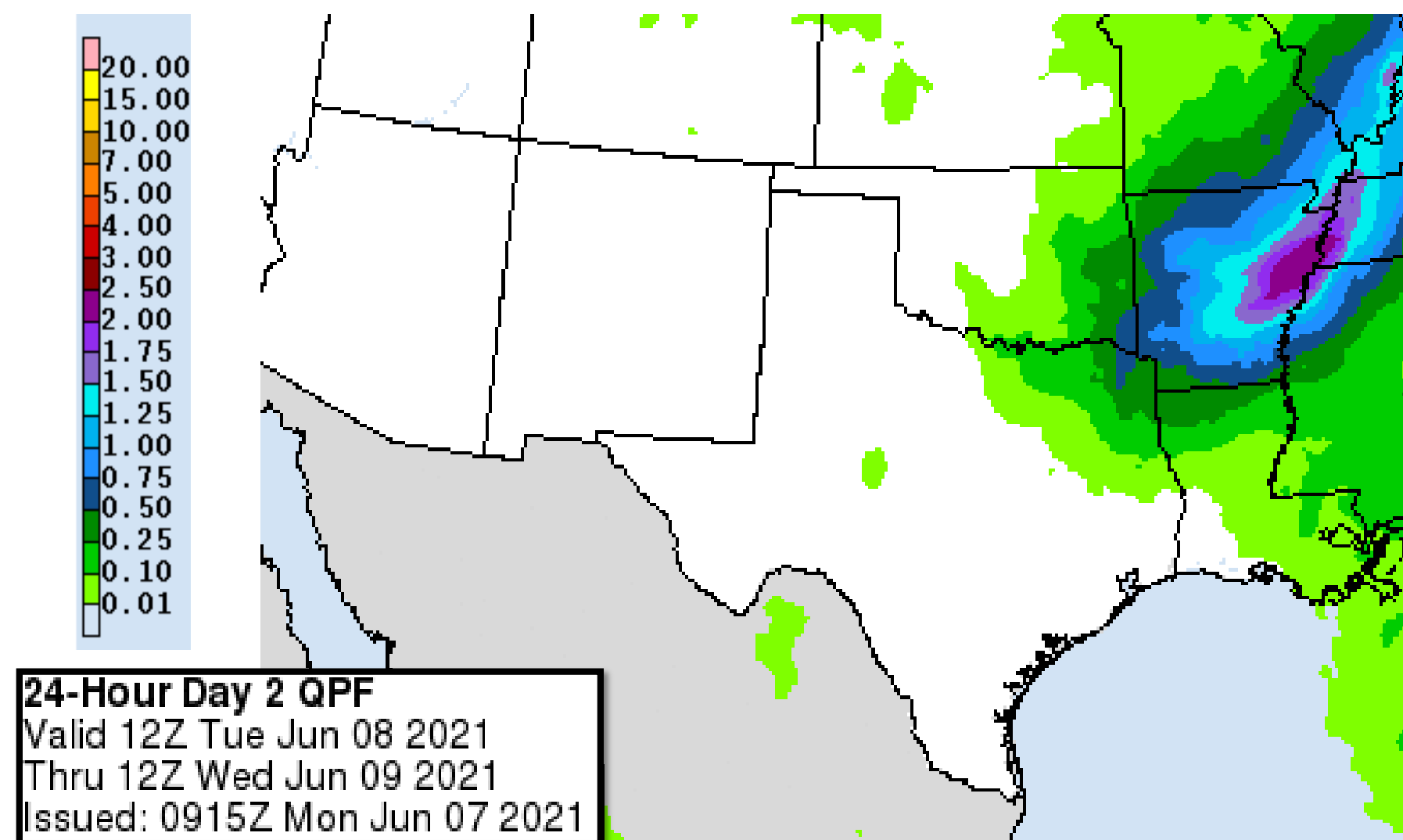


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## Forecast Chart



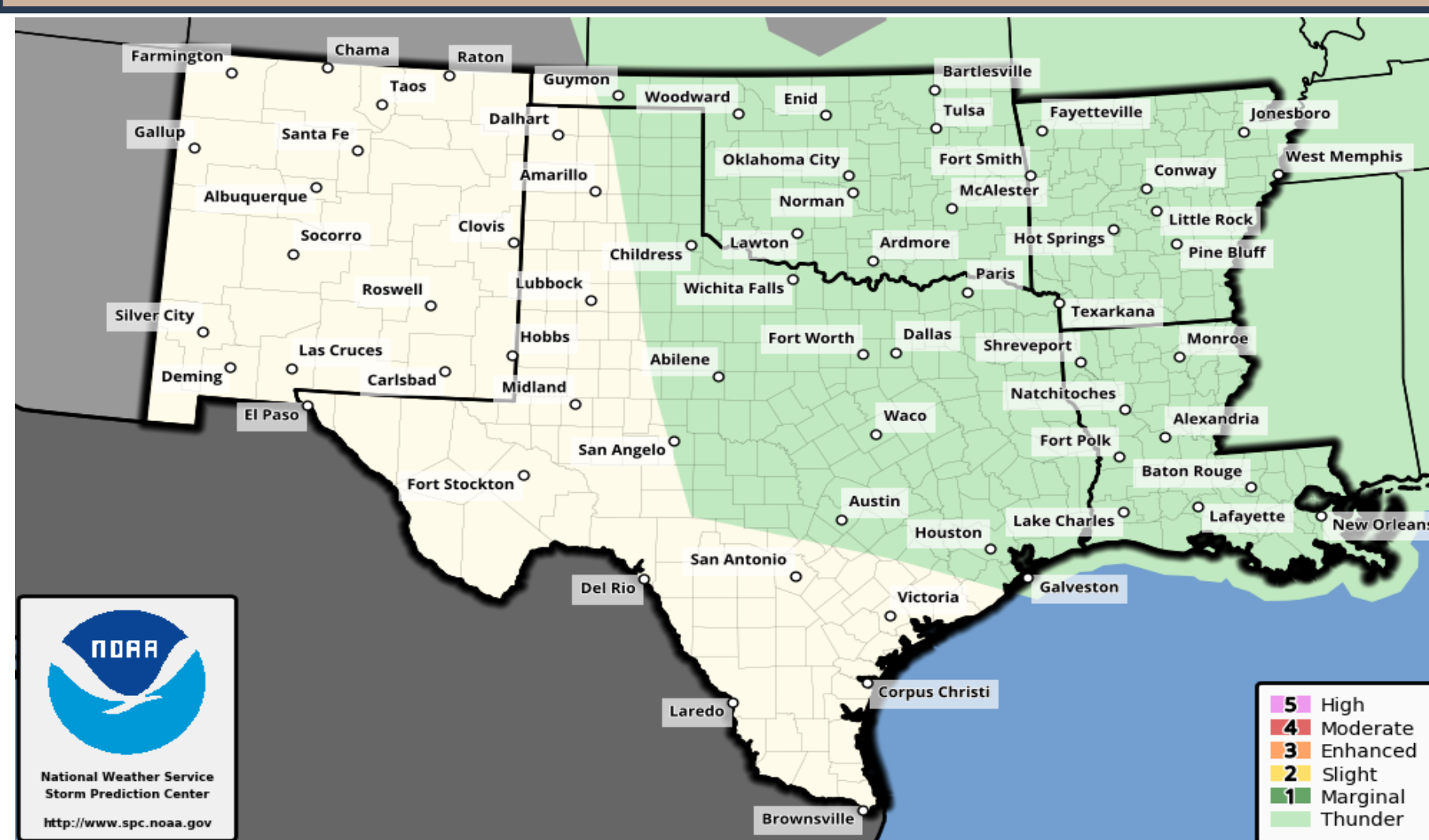
## Forecast Rainfall



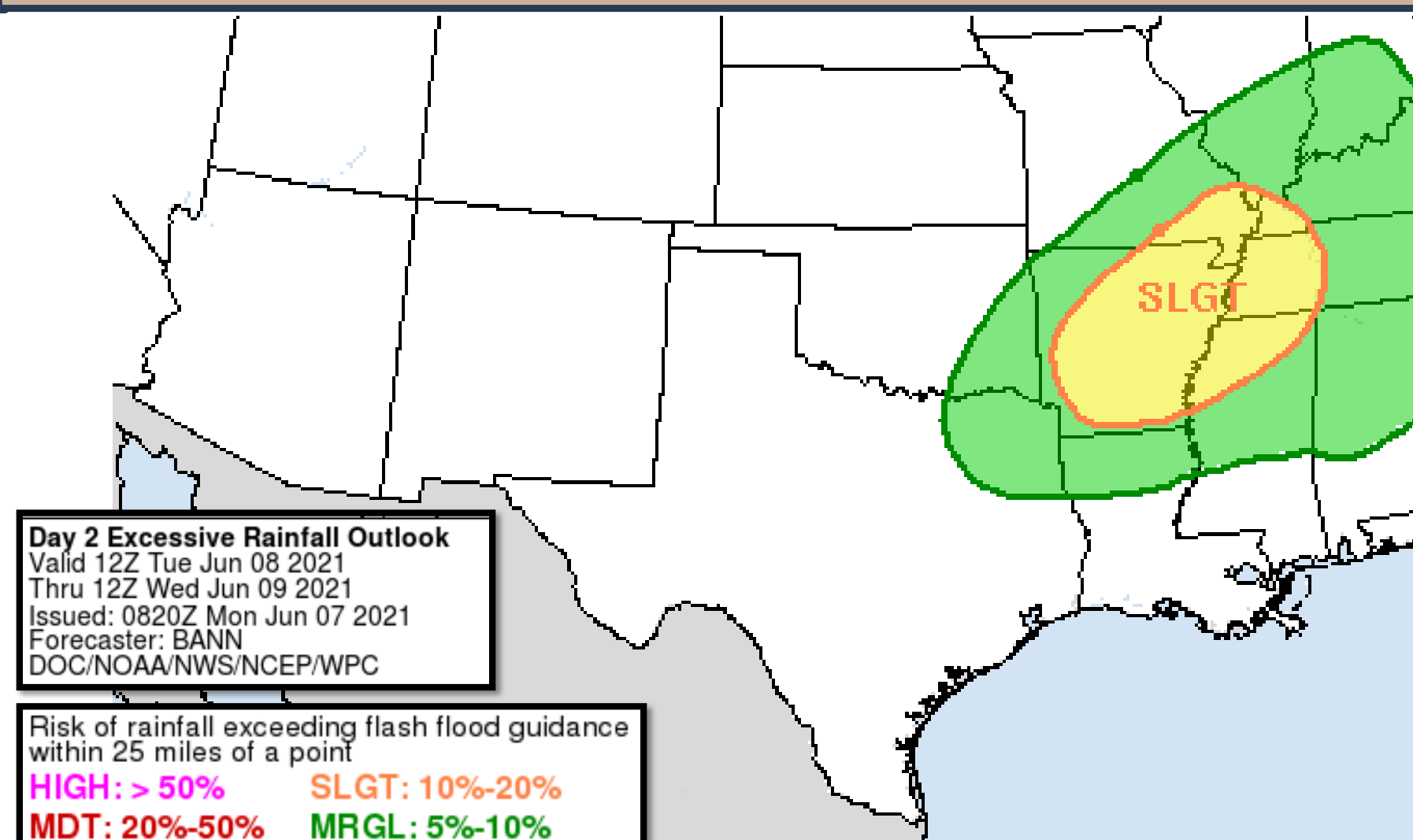
**Isolated to scattered heavy rain/flash flooding for AR.**

**Isolated heavy rain/flash flooding for NETX/E OK/N LA.**

## Severe Weather Outlook



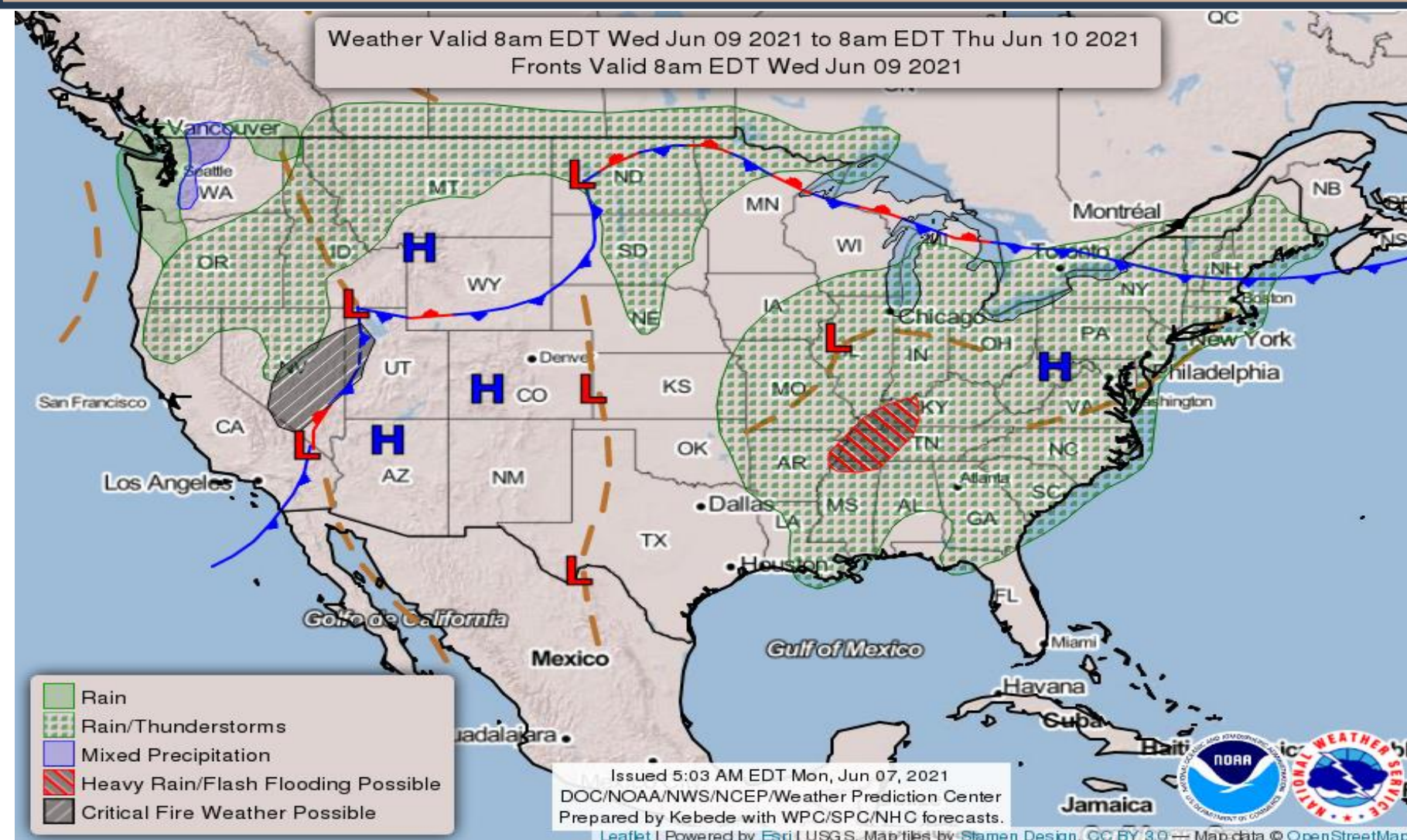
## Excessive Rainfall Outlook



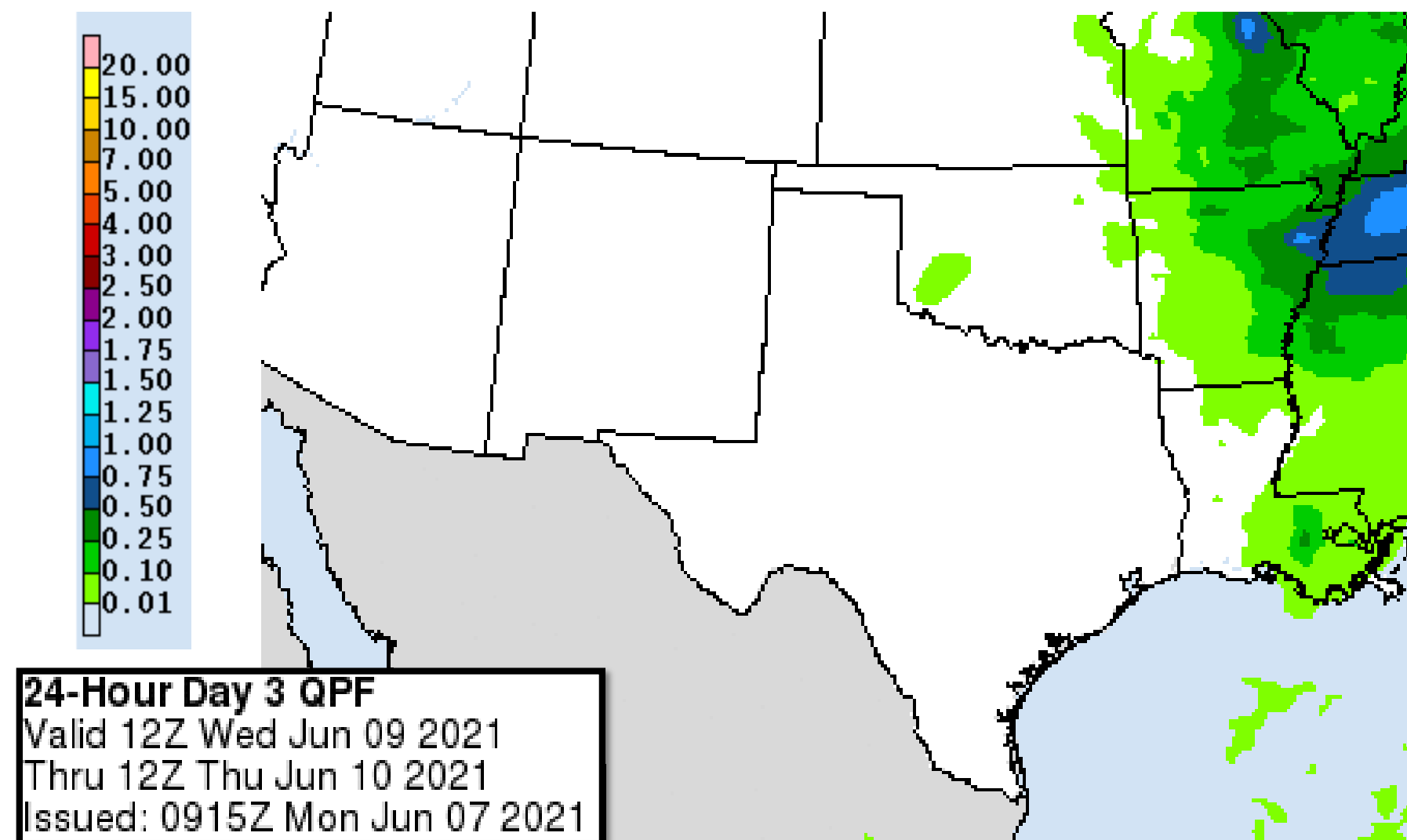


# Wednesday's Weather

## Forecast Chart

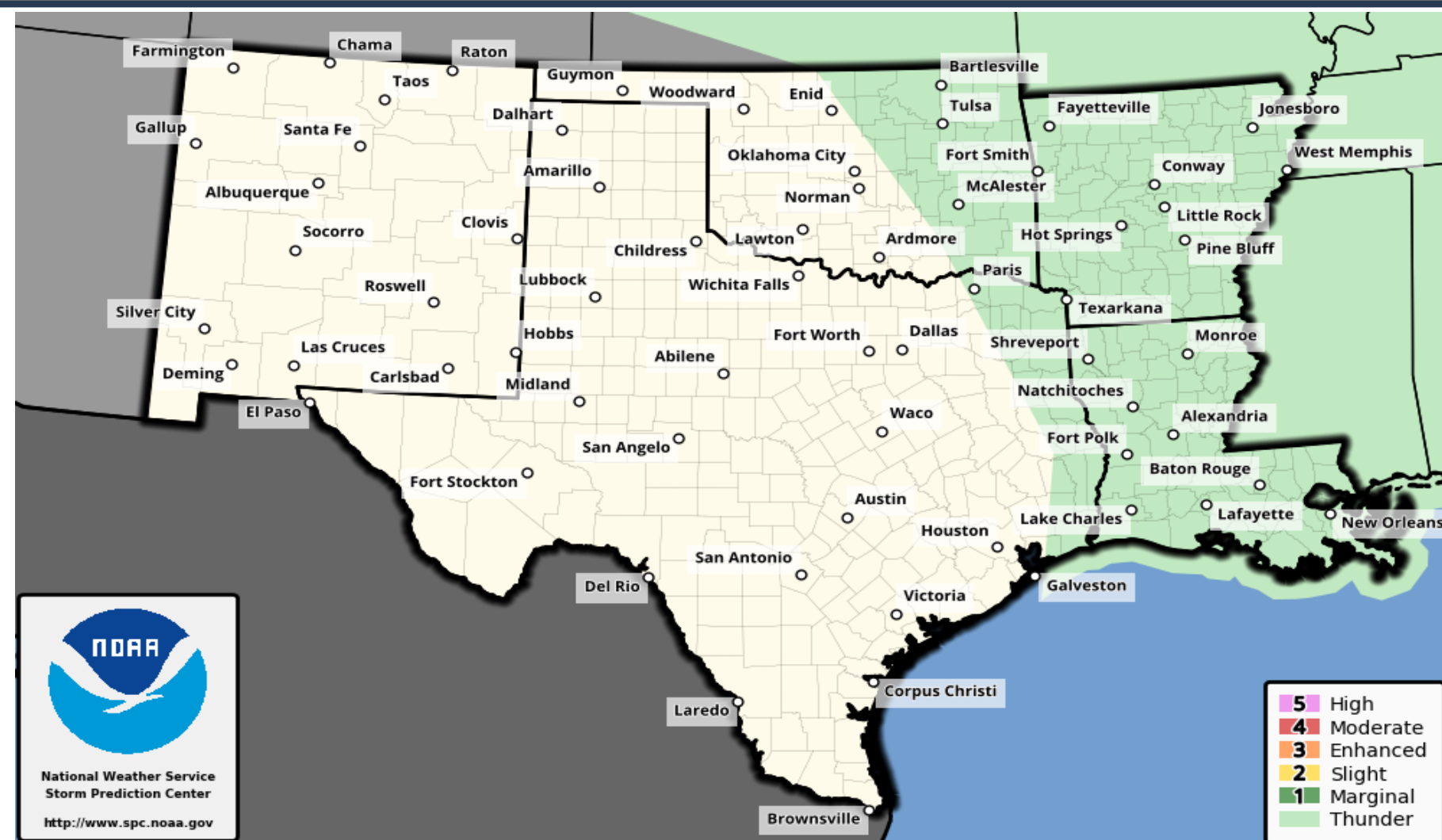


## Forecast Rainfall

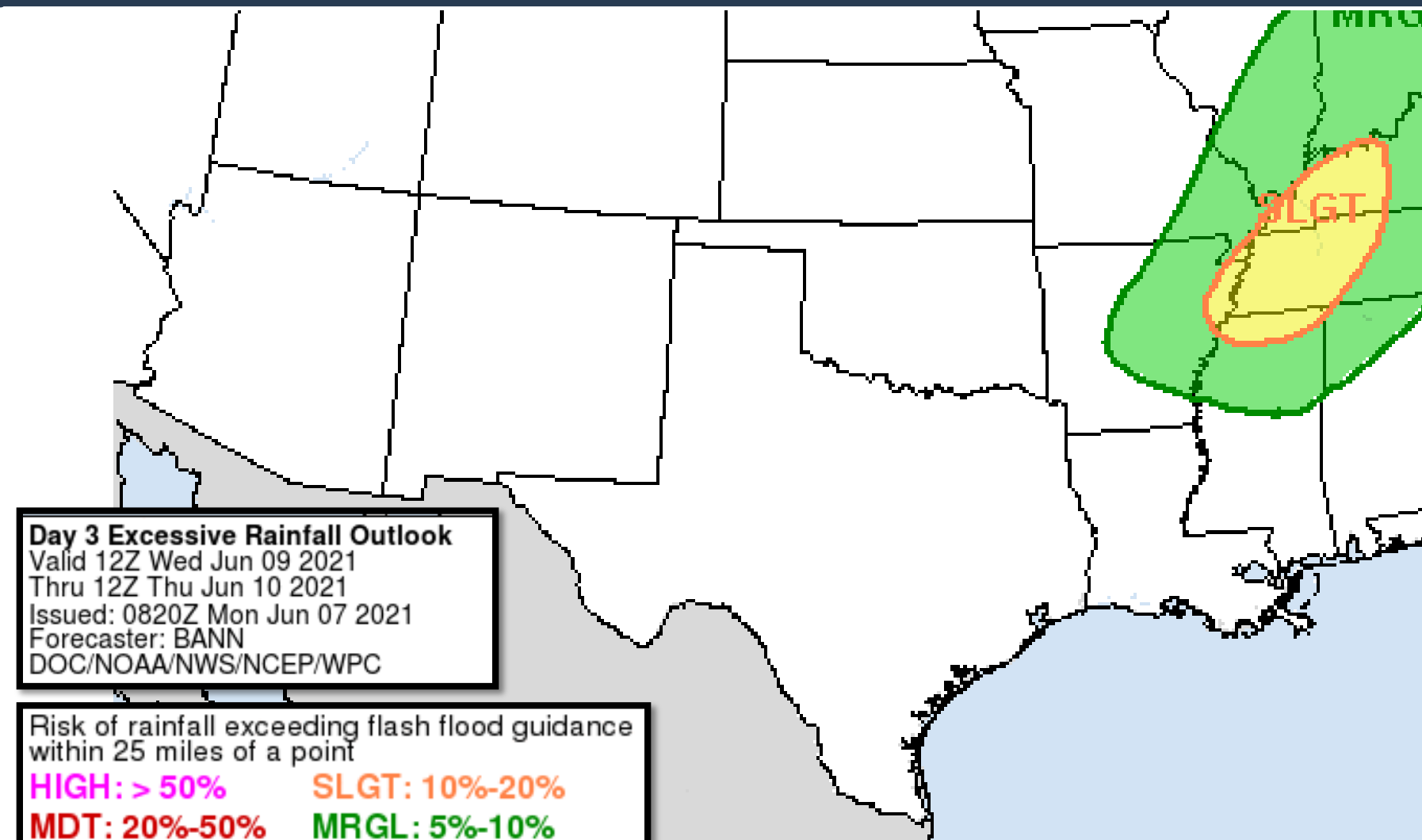


Isolated/lingering heavy rain/flash flooding possible for AR.

## Severe Weather Outlook



## Excessive Rainfall Outlook





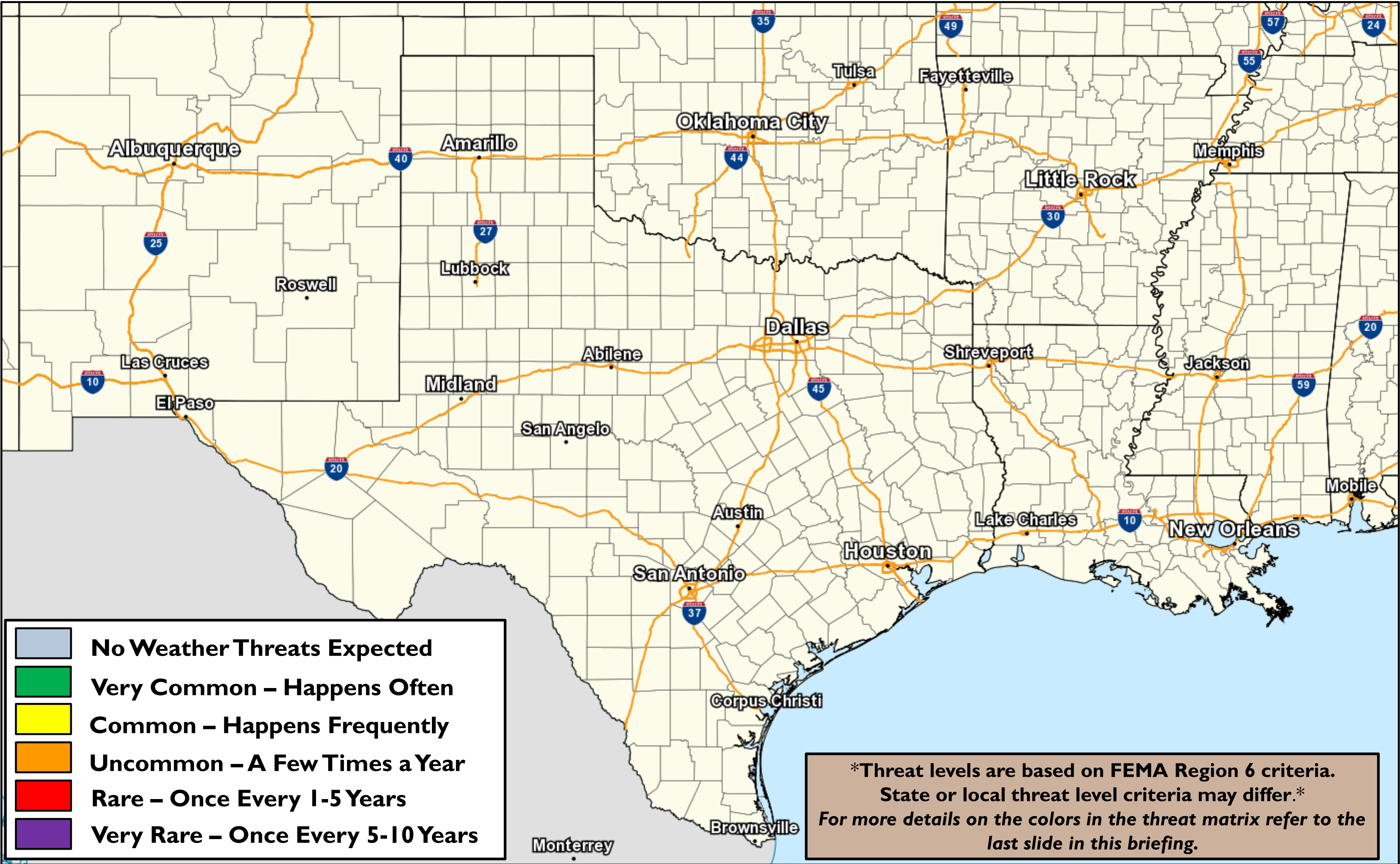
# Days 4-5 Weather Hazards

Thursday - Friday



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No significant weather impacts expected.



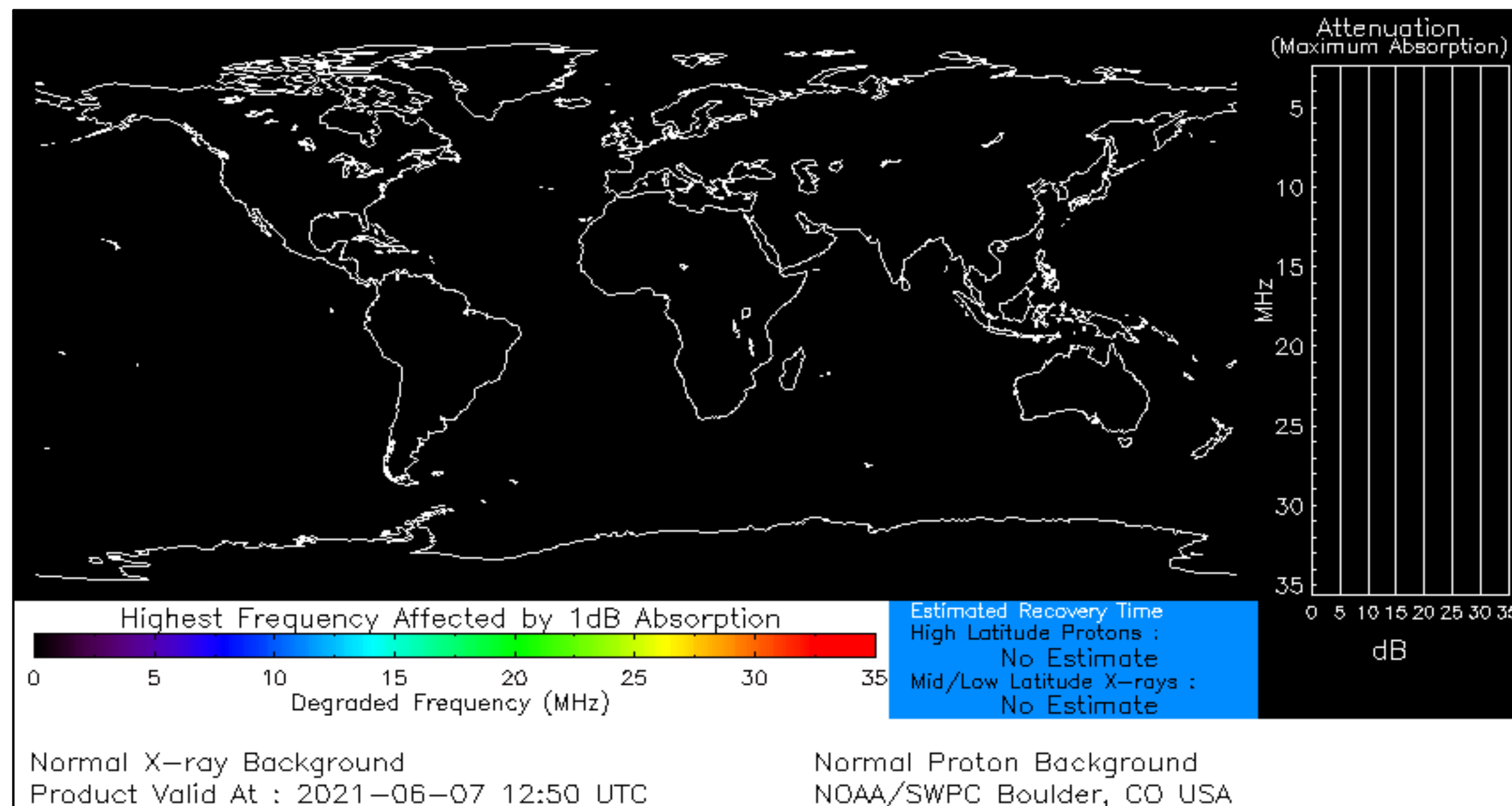


# Space Weather 3-Day Forecast



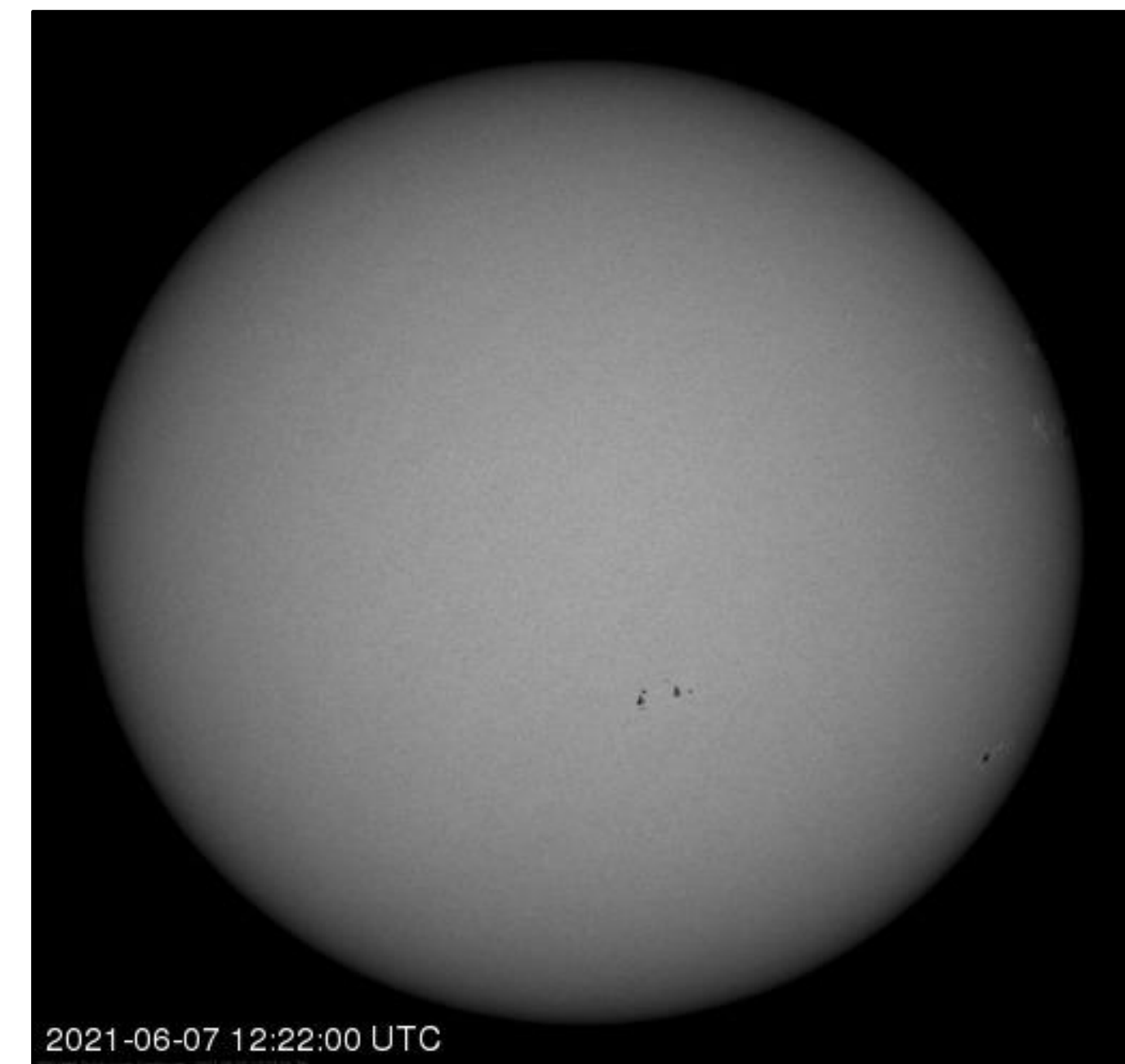
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







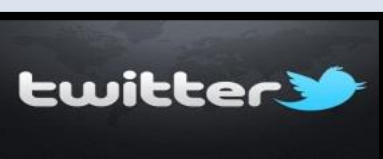
# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**